(19) World Intellectual Property **Organization** International Bureau



(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

(10) International Publication Number WO 2005/053684 A1

- (51) International Patent Classification⁷: A61K 31/4015, 31/341, 47/48, A61P 31/04, 31/10, C08K 5/1535, 5/3415, C07F 7/18
- (21) International Application Number:

PCT/AU2004/001703

- (22) International Filing Date: 6 December 2004 (06.12.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003906771

5 December 2003 (05.12.2003) AU

- (71) Applicant (for all designated States except US): BIOSIG-NAL LIMITED [AU/AU]; Suite 145, Level 1, National Innovation Center, Australian Technology Park, Eveleigh, NSW 1430 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): KUMAR, Naresh [AU/AU]; 33 White Street, Maroubra, New South Wales 2035 (AU).
- (74) Agent: BLAKE DAWSON WALDRON PATENT SER-VICES; level 39, 101 Collins Street, MELBOURNE, VIC 3000 (AU).

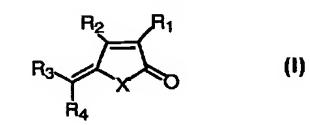
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ASSOCIATION OF ANTIMICROBIAL COMPOUNDS WITH SURFACES AND POLYMERS



(57) Abstract: The invention describes antimicrobial silicone oligomers or polymers comprising a silicone oligomer or polymer associated with at least one compound of formula (I). Also described are methods of associating compounds of formula (I) to surfaces and products thereof.

